

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10126337 A**

(43) Date of publication of application: **15.05.1998**

(51) Int. Cl. **H04B 7/26**
H04J 13/00

(21) Application number: **08276206**

(22) Date of filing: **18.10.1996**

(71) Applicant: **MITSUBISHI ELECTRIC CORP**

(72) Inventor: **TAKANO MICHIAKI**

(54) TRANSMISSION POWER CONTROLLER

(57) Abstract:

PROBLEM TO BE SOLVED: To increase the channel capacity of a transmission power control system by reducing a power control error in the system, in which a step size with a control delay is in existence.

SOLUTION: In order to provide a feedback function to a discrimination device 104 of a base station 101, the base station 101 is provided with a correction section 181 consisting of an adder 108, a delay circuit 110 and an amplifier 109. The correction section 181 adds a control content by a transmission power control command having already been outputted to a power control error obtained, based on reception power from a

mobile station to which a control content of a transmission power control command (TPC bit) which has already been outputted to the mobile station 102, so as to generate a new transmission power control command.

COPYRIGHT: (C)1998,JPO

